

**CONFIDENTIAL**

~~SECRET~~

Copy 1  
Rec'd 10/17/61



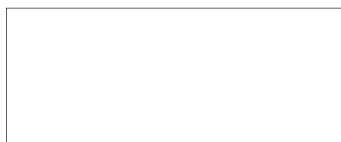
Monthly Report No. 21

25X1

Monthly Financial & Status Reports, NOV 59 TO OCT 61

Contract U. S. 132

October 10, 1961



25X1

DOC	5	REV DATE	16 JUN 1960	BY	064540
ORIG COMP	056	OPI	56	TYPE	30
ORIG CLASS	5	PAGES	35	REV CLASS	C
JUST	22	NEXT REV	2010	AUTH	HR 76-2

**CONFIDENTIAL**  
~~SECRET~~

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

~~CONFIDENTIAL~~~~SECRET~~

Title: CCS Evaluation

Task 20 - Report No. 21

I. Financial

Amount Authorized	-----	53,700
Funds Expended thru 10-1-61	-----	50,572
Funds Committed	-----	---
Funds Remaining	-----	3,128

II. Status

All tests are completed and the rough draft of the report is approximately 50% complete.

III. Future Plans

Complete the final report.

CONFIDENTIAL  
~~SECRET~~

~~CONFIDENTIAL~~

Copy 1

~~SECRET~~

Rec'd GB  
9/19/61

Monthly Report No. 20

Financial and Status Report

Contract U. S. 132

September 8, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

~~SECRET~~  
~~CONFIDENTIAL~~

**SECRET**Title: CCS EvaluationTask 20 - Report No. 20**I. Financial**

Amount Authorized	-----	\$45,000
Funds Expended thru 9-3-61	-----	48,530
Funds Committed	-----	----
Funds Remaining	-----	\$-3530

**II. Status**

Tests of all equipment are complete with the exception of shock and vibration of communication equipment.

**III. Future Plans**

Remaining tests will be completed and final report writing will be in progress.

**SECRET**

111.2-64-19  
Copy no. 1

SECRET

Sec'd E/B  
8/14/61  
DALE

MONTHLY REPORT NO. 19

Financial & Status Report

Contract U.S. 132

August 8, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

SECRET

111.2-64-19

**SECRET**TITLE: CCS EvaluationTASK 20 - REPORT NO. 19**I. Financial**

Amount Authorized.....	\$ 45, 000
Funds Expended thru 7/30/61.....	43, 174
Funds Committed.....	---
Funds Remaining.....	\$ 1, 826

MC

**II. Status**

Field tests of all equipment are complete and anechoic chamber tests of communication equipment are 50% complete. Vibration tests of switch equipment are 80% complete.

**Future Plans**

During the next period the anechoic chamber tests and shock and vibration tests of all equipment will be completed. Also, the final report will be in progress.

**SECRET**

11/18/57-18  
Copy No. 1

SECRET

Rec'd EB  
7/19/61

MONTHLY REPORT NO. 18

Financial & Status Report

Contract U.S. 132

July 11, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

SECRET

Copy no. 1

**SECRET**

**TITLE:** CCS Evaluation

**TASK NO. 20 - REPORT NO. 18**

## I. Financial

Amount Authorized. . . . .	\$ 45, 000
Funds Expended Thru 6/25/61. . . . .	38, 473
Funds Committed. . . . .	---
Funds Remaining. . . . .	6, 527

## II. Status

Intelligibility tests of communication equipment are complete. Temperature, humidity, and spurious radiation testing of communication equipment is complete. Field testing of all equipment is approximately 60% complete.

## Future Plans

During the next period field testing will be completed and anechoic chamber tests will be performed on communication equipment.

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

**SECRET**



**SECRET**

*Sec's  
a/22/61  
1 copy given  
to WLE*

MONTHLY REPORT NO. 17  
FINANCIAL & STATUS REPORT  
CONTRACT U.S. 132

June 7, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

SECRET

TITLE: CCS EVALUATION

Task No. 20 - Report No. 17

I. Financial

Amount Authorized-----	\$ 45,000
Funds expended thru 5/28/61-----	36,446
Funds committed-----	---
Funds remaining-----	8,554

II. Status

Temperature and humidity tests of switch transmitters and receivers and communications receivers have been completed. Sensible heat and altitude tests of all equipment are completed. Spurious radiation tests of switch transmitters are completed.

Future Plans

During the next period spurious radiation, temperature and humidity tests will be performed on communication transmitters.

Intelligibility and anechoic chamber tests will be performed on communication equipment.

SECRET

112 D-42-11  
copy no. 2

**SECRET**

MONTHLY REPORT NO. 16  
FINANCIAL & STATUS REPORT  
CONTRACT U.S. 132  
May 4, 1961

25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR RECEPTION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

SECRET

TITLE: CCS EVALUATION

Task No. 20 - Report No. 16

I. FINANCIAL

Amount Authorized-----	\$ 45, 000
Funds expended thru 4/30/61-----	34, 643
Funds Committed-----	---
Funds Remaining-----	10, 357

II. STATUS

Laboratory tests of communication transmitters have been completed and power source variation tests of communication transmitters and receivers have also been completed.

Laboratory tests of switch receivers including power source variation tests have been completed.

FUTURE PLANS

During the next period environmental and radiation tests will be performed on both the switch and communication equipment.

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

SECRET

Copy No. 1

**SECRET**

Rec'd EB

4/18/61

Date \_\_\_\_\_

MONTHLY REPORT NO. 15  
FINANCIAL & STATUS REPORT  
CONTRACT U.S. 132

April 6, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

**SECRET**TITLE: CCS EVALUATIONTask No. 20 - Report No. 15**I. FINANCIAL**

Amount Authorized----- \$ 45, 000  
Funds Expended Thru 4/2/61----- 32, 795  
Funds Committed----- ---  
Funds Remaining----- \$ 12, 205

**II. STATUS**

Laboratory tests of communication receivers have been completed and laboratory tests of communication transmitters are approximately 50% complete.

Laboratory tests of switch transmitters have been completed and laboratory tests of switch receivers are approximately 10% complete.

**FUTURE PLANS**

During the next period laboratory tests of communication transmitters will be completed and the system test of the communication equipment will begin.

Also during this period the laboratory tests of the switch receivers will be completed.

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

**SECRET**

**SECRET**

*Rec'd EB 3/10/61*

*Date*

*(one copy. WKE)*

MONTHLY REPORT NO. 14  
FINANCIAL & STATUS REPORT  
CONTRACT U.S. 132  
March 7, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

116A-28-1

**SECRET**TITLE: CCS EVALUATIONTask No. 20 - Report No. 14**I. FINANCIAL**

Amount Authorized----- \$ 45,000

Funds Expended Thru 2/26/61----- 32,054

Funds Committed----- ---

Funds Remaining----- \$ 12,946

MC

**II. STATUS**

Laboratory tests of communication receivers are approximately 75% complete exclusive of environmental tests. Laboratory tests of switch transmitters are approximately 25% complete exclusive of environmental tests.

**FUTURE PLANS**

During the next period laboratory tests of communication receivers will be completed and laboratory tests of communication transmitters will begin.

Also during this period switch transmitter laboratory tests will be complete and switch receiver laboratory tests will begin.

With the change in project engineers, it is deemed desirable to conduct a review of scheduling and cost of the balance of the work on this program.

This will be completed in the next reporting period.

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

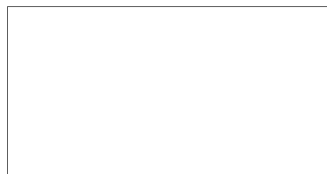
**SECRET**



Copy No. 1

**SECRET**

MONTHLY REPORT NO. 13  
FINANCIAL & STATUS REPORT  
CONTRACT U.S. 132  
February 1, 1961



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

Copy No. 1

**SECRET****TITLE: CCS EVALUATION****Task No. 20 - Report No. 13****I. FINANCIAL**

Amount Authorized.....	\$ 45,000
Funds Expended thru 1/29/61.....	30,031
Funds Committed.....	---
Funds Remaining.....	\$ 14,969

**II. Continued with the laboratory test of communication receivers.****FUTURE PLANS**

Continue with laboratory testing.

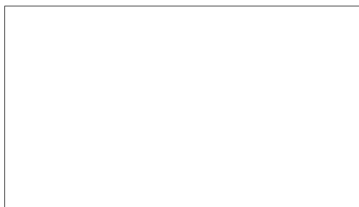
**Note:** A new Project Engineer has been assigned.**SECRET**

**SECRET**

*Rec'd EB  
1/16/61*

116A-10-15  
Copy No. 1

**MONTHLY REPORT NO. 12**  
**FINANCIAL & STATUS REPORT**  
**CONTRACT U.S. 132**  
**January 9, 1961**



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

116A-10-15

**SECRET**

**TITLE: CCS EVALUATION**

**Task No. 20**

**Report No. 12**

**I. FINANCIAL**

Amount Authorized.....	\$ 45, 000
Funds Expended thru 1/1/61.....	26, 515
Funds Committed.....	---
Funds Remaining.....	18, 485 <i>mc</i>

**II. Continued with the laboratory test of communication receivers.**

**FUTURE PLANS**

**Continue with laboratory testing.**

**SECRET**

*Copy No. 1*

**SECRET**

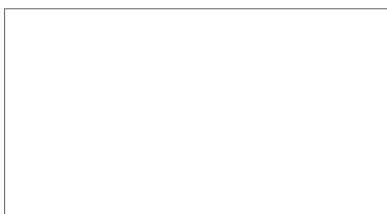
*Rec'd EB  
12/16/60  
11:30*

MONTHLY REPORT NO. 11

FINANCIAL & STATUS REPORT

CONTRACT U.S. 132

December 5, 1960



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

**SECRET****TITLE: CCS EVALUATION****Task No. 20****Report 11****I. FINANCIAL**

Amount Authorized.....	\$ 45,000
Funds Expended Thru 11/27/60.....	20,942
Funds Committed.....	---
Funds Remaining.....	\$ 24,058

**II. Continued with the laboratory portion of the tests on the communications receivers.****Future Plans****Continue with the laboratory testing.****SECRET**

Copy No. 1

**SECRET**

MONTHLY REPORT NO. 10  
FINANCIAL & STATUS REPORT

CONTRACT U.S. 132

November 1, 1960



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

**SECRET**

SECRET

TITLE: CCS EVALUATION

Task No. 20

Report 10

I. FINANCIAL

Amount Authorized.....	\$ 45,000
Funds Expended Thru 10/30/60.....	17,012
Funds Committed.....	---
Funds Remaining.....	\$ 27,988

II. Investigated alignment problem in communication receivers.

Continuing with laboratory testing of communications equipment.

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

SECRET



SECRET

1ALC —  
Rec'd SB  
10/12/60  
11:00

Copy No. 1

MONTHLY REPORT NO. 9

FINANCIAL & STATUS REPORT

CONTRACT U.S. 132

September 30, 1960



25X1

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

SECRET

**SECRET****TITLE: CCS EVALUATION****Task No. 20****Report 9****I. FINANCIAL**

Amount Authorized.....	\$ 45,000
Funds Expended Thru 9/30/60.....	15,227
Funds Committed.....	---
Funds Remaining.....	29,773

**II. Life testing continued. Continued with receiver evaluation.**

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE Espionage LAWS, TITLE 18, U.S.C., SECS. 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

**SECRET**

**SECRET****TITLE: CCS EVALUATION****TASK NO. 20****Report 8****I. FINANCIAL**

Amount Authorized.....	\$ 45,000
Funds Expended Thru 8/31/60.....	13,915
Funds Committed.....	---
Funds Remaining.....	\$ 31, 085

**II. STATUS**

Life test on the switching position of the equipment was started.

During the next period it is hoped to start the life test on the communications equipment.

**SECRET**

SECRET

TITLE: CCS EVALUATION

TASK NO. 20

REPORT NO. 7

I. FINANCIAL

Amount Authorized.....	\$ 45, 000
Funds Expended Thru 7/31/60.....	11, 621
Funds Committed .....	---
Funds Remaining	33, 379

II. STATUS

Additional modifications to the life test equipment were made consisting of additional filtering networks. A standard repeated test series was determined.

During the next period receiver evaluation will be continued to provide a standard for testing the transmitters.

SECRET

116-67-20

Copy #1

SECRET

Lead EB 7/15/60

copy to

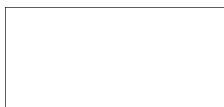
file

MONTHLY REPORT NO. 6

FINANCIAL & STATUS REPORT

CONTRACT U.S. 132

June 29, 1960



25X1

1 copy to Contracting Officer

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE  
NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE  
MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C.,  
SECS. 793 AND 794, THE TRANSMISSION OR REVELATION  
OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON  
IS PROHIBITED BY LAW.

SECRET

116-67-20  
Copy #1

TITLE: CCS EVALUATION

SECRET

TASK NO. 20

REPORT NO. 6

I. FINANCIAL

Amount Authorized	\$45,000
Funds Expended Thru 6/26/60	9,634
Funds Committed	—
Funds Remaining	35,366

II. STATUS

Completed fabrication of life testing equipment. Life tests were started.

Extensive filtering has been built to allow proper measurements to be made in the laboratory testing phase.

During the next reporting period the receivers will be evaluated so that they may be used as a standard for testing the transmitters.

SECRET

**SECRET**

118-54-52

Copy No. 1

**TITLE: CCS EVALUATION****TASK NO. 20****REPORT NO. 5****I. FINANCIAL**

Amount Authorized	\$45,000
Funds Expended Thru 5/8/60	6,288
Funds Committed	203
Funds Remaining	38,509

**II. STATUS**

Continued fabrication of the life testing equipment. The equipment is 75% complete.

Installation of the 50 cycle supply was completed. All future laboratory tests will be done on 50 cycles instead of 60.

During the next reporting period, the life testing equipment will be completed and the laboratory portion of the tests started.

**CC: Countering Officer****SECRET**

118-54-22

**SECRET**

116-47-11

Copy #1

TITLE: CCS EVALUATION

TASK NO. 20      REPORT NO. 4

I. FINANCIAL

Amount Authorized	\$45,000
Funds Expended Thru 4/3/60	4,573
Funds Committed	--
Funds Remaining	40,427

II. STATUS

Modifications of laboratory test equipment were made. Laboratory tests will be started during the next reporting period.

**SECRET**

116-47-11



SECRET

TITLE: CCS EVALUATION

TASK NO. 20. REPORT NO. 3

I. FINANCIAL

Amount Authorized	\$45,000
Funds Expended Thru 2/7/60	3,521
Funds Committed	81
Funds Remaining	41,398

II. STATUS

The test equipment required at this time for the lab portion of the tests has been completed. The laboratory portion of the tests was started.

SECRET

~~CONFIDENTIAL~~

~~SECRET~~

TITLE: CCS EVALUATION

TASK NO. 20

REPORT NO. 2

I. FINANCIAL

Amount Authorized	\$45,000
Funds Expended Thru 1/10/60	1,882
Funds Committed	---
Funds Remaining	43,118

*MS*

II. STATUS

Designing and building test equipment required for the laboratory portion of the tests.

~~SECRET~~

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

116-28-1

~~SECRET~~

TITLE: CCS EVALUATION

TASK NO. 20

REPORT NO. 1

I. FINANCIAL

Amount Authorized	\$45,000
Funds Expended Thru 11/22/59	200
Funds Committed	--
Funds Remaining	44,800

II. STATUS

Time spent becoming familiar with the equipment prior to beginning the laboratory portion of the tests. However, work was stopped at the request of the customer.

~~CONFIDENTIAL~~

116-28-1